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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In The Matter of United States Patent Application:

Serial No. : 10/617,211  
Filed : July 11, 2003  
Group Art Unit : 1746  
Confirmation No. : 3111  
Examiner : Bell, Bruce F.  
Title : METHOD AND APPARATUS FOR INSTRUMENTAL ANALYSIS  
IN REMOTE LOCATIONS  
Our File : T8466109US  
Date : November 15, 2006

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Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

**SUPPLEMENTAL INFORMATION TO INFORMATION DISCLOSURE  
STATEMENT FILED ON JUNE 22, 2004, AND CONSIDERATION ON MAY 18,  
2006**

Dear Sir:

This is supplementary information to the Information Disclosure Statement filed on June 22, 2004 with respect to the above-mentioned application. This Information Disclosure Statement has been considered on May 18, 2006. A copy of this Information Disclosure Statement is attached as Attachment "A".

The Applicant would like to supplement the information concerning the identification of some of the references listed on the Information Disclosure Statement filed on June 22, 2004. The number of references identified on the Information Disclosure Statement is eleven (11). The references, whose identification is being clarified, are listed below, are numbered in the order that they appear on the Information Disclosure Statement filed on June 22, 2004.

1. R. James Landrum, "Fundamentals of Designing for Corrosion Control", pages 46-53, and 102-107, NACE International (formerly National Association of Corrosion Engineers), ISBN - 0-915567-34-2, published by National Association of Corrosion Engineers
3. Herbert H. Uhlig, Chapter 18 Alloying for Corrosion Resistance; Stainless Steels, in "Corrosion and Corrosion Control: an introduction to corrosion

science and engineering (third edition)", 1985, pages 312-317, NACE International (formerly National Association of Corrosion Engineers), ISBN – 0-471-07818-2, published by John Wiley and Sons Inc.

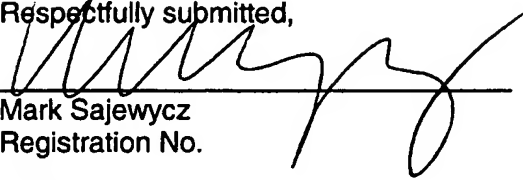
4. W.D. France Jr., "Crevice Corrosion of Metals", in "Localized Corrosion – Cause of Metal Failure", 1972, pages 164-197, American Society for Testing and Materials – Special technical Publication, Library of Congress Catalogue Card Number 72-86243, published by American Society for Testing and Materials.
6. E.D. Verink Jr., "Evaluation of the Tendency of Dealloying in Metal Systems", in "Localized Corrosion – Cause of Metal Failure", 1972, pages 308-309, American Society for Testing and Materials – Special technical Publication, Library of Congress Catalogue Card Number 72-86243, published by American Society for Testing and Materials.
8. S. Mark Wilhelm, "Galvanic Corrosion Caused by Corrosion Products", in "Galvanic Corrosion" (edited by Harvey P. Hack), 1988, pages 24-25, American Society for Testing and Materials – Special technical Publication 978, ISBN – 0-8031-0981-4, published by American Society for Testing and Materials.
9. Saleh G. Al Zaharani, B. Todd, L.W. Oldfield, "Bimetallic Joints in Multistage Flash Desalination Plants", in "Galvanic Corrosion" (edited by Harvey P. Hack), 1988, pages 329, American Society for Testing and Materials – Special technical Publication 978, ISBN – 0-8031-0981-4, published by American Society for Testing and Materials.
10. Micheal Shutze, Chapter 7: Healing of Oxide Scale Damage, and Chapter 7.3: Estimation of the Critical Strain Rate for Crack Healing, in "Protective Oxide Scales and Their Breakdown", 1997, page 122, The Institute of Corrosion and Wiley Series on Corrosion and Protection, ISBN – 0471-95904-9, published by John Wiley and Sons Ltd.

This Information Disclosure Statement is submitted pursuant to 37 C.F.R.

§1.97(c) and, accordingly, the Director is hereby authorized to charge and credit Deposit Account No. 07-1750 in the amount of \$180.00. The Director is also hereby authorized to charge and credit Deposit Account No. 07-1750 for any additional fee required.

Favorable consideration is earnestly solicited

Respectfully submitted,

  
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Mark Sajewycz  
Registration No.

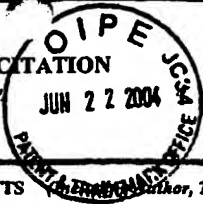
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## **ATTACHMENT “A”**



# INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)



Docket Number (Optional)

T8466109US

Application Number

10/617,211

Applicant(s)

Russell et al

Filing Date

07/11/2003

Group Art Unit

2828 1746

\*EXAMINER  
INITIAL

## OTHER DOCUMENTS

(Indicate Author, Title, Date, Pertinent Pages, Etc.)

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UHLIG, Alloying for Corrosion Resistance, Stainless Steels, Chapter 18, 1985, pp. 312-317 \*

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FRANCE Jr., Crevice Corrosion of Metals, Localized Corrosion - Cause of Metal Failure, 1972, pp. 164-197 \*

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VERINK Jr., Evaluation of the Tendency of Dealloying in Metal Systems, Localized Corrosion - Cause of Metal Failure, 1972, pp. 308-309 \*

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SKLARSKA-SMIALOWSKA, Measurement of the Susceptibility of Pitting, Chapter 3, pp. 39-65; Sites of Pit Nucleation, Chapter 4, pp. 69-97; Kinetics of Pit Growth, Chapter 6, p 124; Pit Morphology in Various Steels and Aluminum Alloys, Chapter 7, p 133; Effects of Environmental Factors on Pitting, Chapter 9, p 221; Pitting at Cathodic Potentials, Chapter 15, p 339; Composition of the Electrolyte Contained in Pits, Chapter 18, pp. 351-373; Theories of Pitting Corrosion, Chapter 19, p. 382 - Pitting Corrosion of Metals, 1986 \*

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WILHELM, Galvanic Corrosion Caused by Corrosion Products, Galvanic Corrosion, 1988, pp. 24-25 \*

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AL ZAHARANI, TODD, OLDFIELD, Bimetallic Joints in Multistage Flash Desalination Plants, Galvanic Corrosion, 1988, p 329 \*

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SHUTZE, Healing of Oxide Scale Damage (Chapter 7), Estimation of the Critical Strain Rate for Crack Healing (Chapter 7.3), Protective Oxide Scales and Their Breakdown, 1997, p 122 \*

BB

ABDULSALAM, M.I., SHINOHARA, T., "Technical Note: Crevice Corrosion of Stainless Steel in Hot Salt Water, January 2003

EXAMINER

Bruce Bell

DATE CONSIDERED

5-18-06

\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

\* no month available

P098/REV04

SHEET 2 OF 2